

ER622186056

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.....  
 Filing Date..... March 23, 2004  
 Inventorship..... Lin et al.  
 Applicant..... Microsoft Corporation  
 Attorney's Docket No. .... MS1-1893US  
 Title: RADIOMETRIC CALIBRATION FROM A SINGLE IMAGE

**INFORMATION DISCLOSURE STATEMENT***References -- See Attached Form PTO-1449***REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 3/23/04By: 

Lawrence E. Lycke  
 Reg. No. 38,540



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Substitute for form 1449B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Application Number</b>	
			<b>Filing Date</b> March 23, 2004	
			<b>First Named Inventor</b> Lin	
			<b>Group Art Unit</b>	
			<b>Examiner Name</b>	
<b>Sheet</b> 2	<b>of</b> 3	<b>Attorney Docket Number</b> MS1-1893US		

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Michael D. Grossberg and Shree K. Nayar, "What is the Space of Camera Response Function", IEEE, 2003 Conference on Computer Vision and Pattern Recognition (CVPR 03), Vol. II, p. 602, June 18-20, 2003.	
		Carl Edward Rasmussen, "The Infinite Gaussian Mixture Model", Advances in Neural Information Processing Systems 12, MIT Press, pp. 554-560, 2000.	
		Stephane Pauquet, "Bayesian Estimation", Bayesian Estimation Web, pp. 1-8, October 2002.	
		Tsin et al., "Statistical Calibration of CCD Imaging Process", IEEE International Conference on Computer Vision, pp. 1-2 and 1-8, July 2001.	
		Flynn, "Radiometric Calibration Procedures for a Wideband Infrared Scene Projector (WISP)", Technologies for Synthetic Environments, Vol. 3697, pp. 265-73, April 1999.	
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		Mermelstein, "Spectral and Radiometric Calibration of Midwave and Longwave Infrared Cameras", Optical Engineering, Vol. 39, No. 2, pp. 347-352, February 2000.	
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		Barun Singh and William T. Freeman, "Exploiting Spatial and Spectral Image Regularities for Color Constancy", MIT Computer Science and Artificial Intelligence Laboratory, pp. 1-19, July 2003.	
		Paul E. Debevee and Jitendra Malik, "Recovering High Dynamic Range Radiance Maps from Photographs", SIGGRAPH 97, pp. 1-3 and 1-10, August 1997.	

<b>Examiner Signature</b>	/Ali Bayat/	<b>Date Considered</b>	07/15/2008
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		Michael Grossberg and Shree K. Nayar, "What Can Be Known About the Radiometric Response from Images?", Computer Vision - ECCV 2002: 7th Edition, Conference on Computer Vision, pp 1-2 and 1-16, May 2002.	<input type="checkbox"/>
		Steve Mann and Richard Mann, "Quantigraphic Imaging: Estimating the Camera Response and Exposures From Differently Exposed Images", IEEE, pp. 1-8, December 2001.	<input type="checkbox"/>
		S. Mann and R. W. Picard, "On Being 'Undigital' With Digital Cameras: Extending Dynamic Range By Combining Differently Exposed Pictures", IS&T's 48th Annual Conference, pp. 422-428, May 1995.	<input type="checkbox"/>
		Tomoo Mitsunaga and Shree K. Nayar, "Radiometric Self Calibration", IEEE, Computer Vision and Pattern Recognition, Vol. 1, 1-8, June 1999.	<input type="checkbox"/>
		Shree K. Nayar and Tomoo Mitsunaga, "High Dynamic Range Imaging: Spatially Varying Pixel Exposures", Proceedings of IEEE Conference on Computer Vision and Pattern Recognition, pp. 1-9, June 2000.	<input type="checkbox"/>
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